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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Sheet		1	of	7	Application Number 10/812,776
					Filing Date March 29, 2004
					First Named Inventor David F. Muir
					Group Art Unit 3731
					Examiner Name
					Attorney Docket Number UF-336XC3D1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
VA	U1	2003/0068815	A1	Stone et al.	04-10-2003	All
VA	U2	2001/0039459	A1	Stone	11-08-2001	All
VA	U3	2001/0034043	A1	Su et al.	10-25-2001	All
VA	U4	6,455,309	B2	Stone	09-24-2002	All
VA	U5	6,267,786	B1	Stone	07-31-2001	All
VA	U6	6,231,608	B1	Stone	05-15-2001	All
VA	U7	6,093,563		Bennett et al.	07-25-2000	All
VA	U8	6,054,569		Bennett et al.	04-25-2000	All
VA	U9	5,997,863		Zimmermann et al.	12-07-1999	All
VA	U10	5,916,557		Berlowitz-Tarrant et al.	06-29-1999	All
VA	U11	5,716,617		Khandke et al.	02-10-1998	All
VA	U12	5,292,509		Hageman	03-08-1994	All
VA	U13	5,231,580		Cheung et al.	07-27-1993	All
VA	U14	4,933,185		Wheatley et al.	06-12-1990	All
VA	U15	4,696,816		Brown	09-29-1987	All
VA	U16	10/218,316		Muir (patent application)	08-13-2002	All
VA	U17	10/218,315		Muir (patent application)	08-13-2002	All

FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
VA	F1	WO	91/06573	A1	La Jolla Cancer Res. Foundation	05-16-1991	All	
VA	F2	WO	91/06303	A1	Case Western Reserve Univ.	05-16-1991	All	
VA	F3	WO	01/39795	A2	IBEX Tech., Inc.	06-07-2001	All	
VA	F4	WO	01/35977	A2	IBEX Tech., Inc.	05-25-2001	All	
VA	F5	EP	0 875 253	A2	Seikagaku Corp.	11-04-1998	All	
VA	F6	EP	0 613 949	A2	Maruha Corporation	09-07-1994	All	
VA	F7	EP	0 776 968	A1	Sumitomo Bakelite Co.	06-04-1997	All	

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		First Named Inventor	David F. Muir		
		Group Art Unit	3731		
		Examiner Name			
		Attorney Docket Number	UF-336XC3D1		
Sheet	2	of	7		

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VA	U18	6,200,564	B1	Lamont et al.	03-13-2001	All
VA	U19	6,214,978	B1	Truog et al.	04-10-2001	All
VA	U20	5,866,120		Karageozian et al.	02-02-1999	All
VA	U21	5,830,468		Bini	11-03-1998	All
	U22					
	U23					
	U24					
	U25					
	U26					
	U27					
	U28					
	U29					
	U30					
	U31					
	U32					
	U33					
	U34					

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VA	F8	EP	0 576 294	A2	Seikagaku Kogyo Kabushiki Kaisha	12-29-1993	All	
VA	F9	DE	19530556		Minuth Will Prof Dr	09-05-1996	All	
VA	F10	DE	19530556 (English abstract)		Minuth Will Prof Dr	09-05-1996	All	
	F11							
	F12							
	F13							
	F14							

Examiner Signature		Date Considered	1-27-2006
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VA	R1	AGIUS, E. and P. COCHARD "Comparison of Neurite Outgrowth Induced by Intact and Injured Sciatic Nerves: A Confocal and Functional Analysis" <i>The Journal of Neuroscience</i> , January 1, 1998, 18(1):328-338.		
VA	R2	BENNETT, G.S. <i>et al.</i> "Chondroitinase ABC delivered to the site of a spinal cord injury upregulates GAP-43 expression in dorsal root ganglion neurons" <i>Society for Neuroscience Abstracts</i> , 2000, 26(1-2):Abstract no. 324.3 from 30 th Annual Meeting of the Society of Neuroscience, presented November, 2000; mailed to subscribers September, 2000.		
VA	R3	BERTOLOTTI, A. <i>et al.</i> "Immunohistochemical Localization of Chondroitin Sulfate in Normal and Pathological Human Muscle" <i>J Neurol Sci</i> , 1986, 73:233-244.		
VA	R4	BRADBURY, E.J. <i>et al.</i> "Chondroitinase ABC promotes functional recovery after spinal cord injury" <i>Nature</i> , April 2002, 416(6881):636-640.		
VA	R5	BRADBURY, E.J. <i>et al.</i> "Chondroitinase ABC promotes functional recovery after spinal cord injury" <i>Nature</i> , 2002, 416:636-640. <i>duplicate</i>		
VA	R6	BRADBURY, E.J. <i>et al.</i> "Chondroitinase ABC Delivered to the Site of a Spinal Cord Injury Upregulates GAP-43 Expression in Dorsal Root Ganglion Neurons" <i>Soc. Neurosci Abstr</i> , November 2000, abstract presented at the 30 th Annual Meeting of the Society of Neuroscience.		
VA	R7	BRAUNEWELL, K-H. <i>et al.</i> "Functional Involvement of Sciatic Nerve-derived Versican- and Decorin-like Molecules and other Chondroitin Sulphate Proteoglycans in ECM-mediated Cell Adhesion and Neurite Outgrowth" <i>Euro. J. Neurosci.</i> , 1995, 7:805-814.		
VA	R8	BRAUNEWELL, K-H. <i>et al.</i> "Up-regulation of a Chondroitin Sulphate Eptiope during Regeneration of Mouse Sciatic Nerve: Evidence that the Immunoreactive Molecules are Related to the Chondroitin Sulphate Proteoglycans Decorin and Versican" <i>Eur J Neurosci</i> , 1995, 7:792-804.		
VA	R9	BROWN, M.C. <i>et al.</i> "Further Studies on Motor and Sensory Nerve Regeneration in Mice With Delayed Wallerian Degeneration" <i>Eur J Neurosci</i> , 1994, 6:420-428.		
VA	R10	DANIELSEN, N. <i>et al.</i> "Predegeneration enhances regeneration into acellular nerve grafts" <i>Brain Res</i> , 1995, 681:105-108.		
VA	R11	DANIELSEN, N. <i>et al.</i> "Pre-degenerated nerve grafts enhance regeneration by shortening the initial delay period" <i>Brain Res</i> , 1994, 666:250-254.		
VA	R12	EVANS, P.J. <i>et al.</i> "Regeneration Across Cold Preserved Peripheral Nerve Allografts" <i>Microsurgery</i> , 1999, 19:115-127.		
VA	R13	EVANS, P.J. <i>et al.</i> "The Peripheral Nerve Allograft: A Comprehensive Review of Regeneration and Neuroimmunology" <i>Prog Neurobiol</i> , 1994, 43:187-233.		

Examiner Signature	<i>V. Afonso</i>	Date Considered	1-27-2006
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				Application Number	10/812,776
				Filing Date	March 29, 2004
				First Named Inventor	David F. Muir
				Group Art Unit	3731
				Examiner Name	
Sheet	4	of	7	Attorney Docket Number	UF-336XC3D1

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
VA	R14	EVANS, P.J. <i>et al.</i> "Cold Preserved Nerve Allografts: Changes in Basement Membrane, Viability, Immunogenicity, and Regeneration" <i>Muscle Nerve</i> , November 1998, 21:1507-1522.		
VA	R15	FAWCETT, J.W. and R.J. KEYNES "Peripheral Nerve Regeneration" <i>Annu Rev Neurosci</i> , 1990, 13:43-60.		
VA	R16	FERGUSON, T.A. and D. Muir "MMP-2 and MMP-9 Increase the Neurite-Promoting Potential of Schwann Cell Basal Laminae and Are Upregulated in Degenerated Nerve" <i>Mol Cell Neurosci</i> , 2000 16:157-167.		
VA	R17	FU, S.Y. and T. Gordon "The Cellular and Molecular Basis of Peripheral Nerve Regeneration" <i>Mol Neurobiol</i> , 1997, 14(1):67-116.		
VA	R18	GIANNINI, C. and P. DYCK "The Fate of Schwann Cell Basement Membranes in Permanently Transected Nerves" <i>J Neuropathol Exp Neurol</i> , 1990, 49(6):550-563.		
VA	R19	GORDON, L. <i>et al.</i> "Predegenerated nerve autografts as compared with fresh nerve autografts in freshly cut and precut motor nerve defects in the rat" <i>J Hand Surg [Am]</i> , January 1979, 4(1):42-47.		
VA	R20	GULATI, A.K. "Evaluation of acellular and cellular nerve grafts in repair of rat peripheral nerve" <i>J Neurosurg</i> , January 1988, 68:117-123.		
VA	R21	HASAN, N. <i>et al.</i> "The influence of predegenerated nerve grafts on axonal regeneration from prelesioned peripheral nerves" <i>J Anat</i> , 1996, 189:293-302.		
VA	R22	IDE, C. <i>et al.</i> "Schwann Cell Basal Lamina and Nerve Regeneration" <i>Brain Res</i> , 1983, 288:61-75.		
VA	R23	JONES, L.L. <i>et al.</i> "Neurotrophic factors, cellular bridges and gene therapy for spinal cord injury" <i>J. Physiology</i> , 2001, 533.1:83-89.		
VA	R24	KHERIF, S. <i>et al.</i> "Matrix metalloproteinases MMP-2 and MMP-9 in denervated muscle and injured nerve" <i>Neuropathol Appl Neurobiol</i> , 1998, 24:309-319.		
VA	R25	KREKOSKI, C.A. <i>et al.</i> "Metalloproteinase-Dependent Predegeneration <i>In Vitro</i> Enhances Axonal Regeneration within Acellular Peripheral Nerve Grafts" <i>J. Neuroscience</i> , December 2002, 22(23):10408-10415.		
VA	R26	KREKOSKI, C.A. <i>et al.</i> "Axonal Regeneration into Acellular Nerve Grafts Is Enhanced by Degradation of Chondroitin Sulfate Proteoglycan" <i>The Journal of Neuroscience</i> , August 15, 2001, 21(16):6206-6213.		

Examiner Signature	<i>V. Aframon</i>	Date Considered	1-27-2006
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VA	R27	LA FLEUR, M. <i>et al.</i> "Basement Membrane and Repair of Injury to Peripheral Nerve: Defining a Potential Role for Macrophages, Matrix Metalloproteinases, and Tissue Inhibitor of Metalloproteinases-1" <i>J. Exp. Med.</i> , December 1996, 184:2311-2326.		
VA	R28	LANGLEY, J.N. and H.K. ANDERSON "The Union of Different Kinds of Nerve Fibres" <i>J Physiol</i> , 1904, 31:365-391.		
VA	R29	LASSNER, F. <i>et al.</i> "Preservation of Peripheral Nerve Grafts: A Comparison of Normal Saline, HTK Organ Preservation Solution, and DMEM Schwann Cell Culture Medium" <i>J Reconstr Microsurg</i> , 1995, 11:447-453.		
VA	R30	LEMONS, M.L. <i>et al.</i> "Chondroitin Sulfate Proteoglycan Immunoreactivity Increases Following Spinal Cord Injury and Transplantation" <i>Exper. Neuro.</i> , 1999, 160:51-65.		
VA	R31	LEVI, A. <i>et al.</i> "Cold Storage of Peripheral Nerves: An In Vitro Assay of Cell Viability and Function" <i>Glia</i> , 1994, 10:121-131.		
VA	R32	MCKEON, R.J. <i>et al.</i> "Injury-Induced Proteoglycans Inhibit the Potential for Laminin-Mediated Axon Growth on Astrocytic Scars" <i>Exp. Neuro.</i> , 1995, 136:32-43.		
VA	R33	MCKEON, R.J. <i>et al.</i> "Reduction of Neurite Outgrowth in a Model of Glial Scarring following CNS Injury is Correlated with the Expression of Inhibitory Molecules on Reactive Astrocytes" <i>J. Neurosci.</i> , 1991, 11(11):3398-3411.		
VA	R34	MOON, L. <i>et al.</i> "Regeneration of CNS axons back to their target following treatment of adult rat brain with chondroitinase ABC" <i>Nature Neuroscience</i> , May 2001, 4(5):465-466.		
VA	R35	MUIR, D.F. "Enzymatic De-Inhibition of Axonal Regeneration", Abstract, Grant No. 1R01NS037901-01A1, Computer Retrieval of Information on Scientific Projects (CRISP) database, http://crisp.cit.nih.gov/ , maintained by the Office of Extramural Research at the National Institutes of Health (NIH), April 2, 2001.		
VA	R36	MUIR, D. <i>et al.</i> "Schwannoma Cell-derived Inhibitor of the Neurite-promoting activity of Laminin" <i>J. Cell Biol.</i> , November 1989, 109:2353-2362.		
VA	R37	NADIM, W. <i>et al.</i> "The role of Schwann cells and basal lamina tubes in the regeneration of axons through long lengths of freeze-killed nerve grafts" <i>Neuropathol Appl Neurobiol</i> , 1990, 16:411-421.		
VA	R38	OCHI, M. <i>et al.</i> "Nerve Regeneration in Predegenerated Basal Lamina Graft: The Effect of Duration of Predegeneration on Axonal Extension" <i>Exp Neurol</i> , 1994, 128:216-225.		
VA	R39	OLMARKER, K. <i>et al.</i> "Chondroitinase ABC (Pharmaceutical Grade) for Chemonucleolysis" <i>Spine</i> , 1996, 21:1952-1956.		

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VA	R40	SALONEN, V. <i>et al.</i> "Laminin in traumatized peripheral nerve: basement membrane changes during degeneration and regeneration" <i>J Neurocytol</i> , 1987, 16:713-720.		
VA	R41	SHUBAYEV, V.I. and R.R. MYERS "Upregulation and interaction of TNF α and gelatinases A and B in painful peripheral nerve injury" <i>Brain Res</i> , 2000, 855:83-89.		
VA	R42	SIEBERT, H. <i>et al.</i> "Matrix Metalloproteinase Expression and Inhibition After Sciatic Nerve Axotomy" <i>J Neuropathol Exp Neurol</i> , January 2001, 60(1):85-93.		
VA	R43	SMITH-THOMAS, L.C. <i>et al.</i> "Increased axon regeneration in astrocytes grown in the presence of proteoglycan synthesis inhibitors" <i>J. Cell Sci.</i> , 1995, 108:1307-1315.		
VA	R44	SMITH-THOMAS, L.C. <i>et al.</i> "An inhibitor of neurite outgrowth produced by astrocytes" <i>J. Cell Sci.</i> , 1994, 107:1687-1695.		
VA	R45	STOLL, G. and H.W. MÜLLER "Nerve Injury, Axonal Degeneration and Neural Regeneration: Basic Insights" <i>Brain Pathology</i> , 1999, 9:313-325.		
VA	R46	STRASBERG, S.R. <i>et al.</i> "Peripheral Nerve Allograft Preservation Improves Regeneration and Decreases Systemic Cyclosporin A Requirements" <i>Experimental Neurology</i> , 1996, 139:306-316.		
VA	R47	TASKINEN, H.S. and M. RÖYTTÄ "The dynamics of macrophage recruitment after nerve transection" <i>Acta Neuropathol (Berl)</i> , 1997, 93:252-259.		
VA	R48	TKALEC, A.L. <i>et al.</i> "Isolation and Expression in <i>Escherichia coli</i> of <i>csA</i> and <i>csB</i> , Genes Coding for the Chondroitin Sulfate-Degrading Enzymes Chondroitinase AC and Chondroitinase B, Respectively, from <i>Flavobacterium heparinum</i> " <i>Appl. Environ. Microbiol.</i> , Jan. 2000, 66(1):29-35.		
VA	R49	WANG, G-Y. <i>et al.</i> "The role of laminin, a component of Schwann cell basal lamina, in rat sciatic nerve regeneration within antiserum-treated nerve grafts" <i>Brain Res</i> , 1992, 570:116-125.		
VA	R50	YAMADA, T. <i>et al.</i> "Selective localization of gelatinase A, an enzyme degrading β -amyloid protein, in white matter microglia and in Schwann cells" <i>Acta Neuropathol (Berl)</i> , 1995, 89:199-203.		
VA	R51	YICK, L-W. <i>et al.</i> "Chondroitinase ABC promotes axonal regeneration of Clarke's neurons after spinal cord injury" <i>NeuroReport</i> , 2000, 11(5):1063-1067.		
VA	R52	ZUO, J. <i>et al.</i> "Degradation of Chondroitin Sulfate Proteoglycan Enhances the Neurite-Promoting Potential of Spinal Cord Tissue" <i>Exp Neurol</i> , 1998, 154:654-662.		

Examiner Signature	<i>V. Johnson</i>	Date Considered	1-27-2006
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¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/812,776
				Filing Date	March 29, 2004
				First Named Inventor	David F. Muir
				Group Art Unit	3731
Examiner Name					
Sheet	7	of	7	Attorney Docket Number	UF-336XC3D1

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
VA	R53	ZUO, J. <i>et al.</i> "Chondroitin Sulfate Proteoglycan with Neurite-Inhibiting Activity is Up-regulated following Peripheral Nerve Injury" <i>J Neurobiol</i> , 1998, 34:41-54.		
VA	R54	ZUO, J. <i>et al.</i> "Neuronal Matrix Metalloproteinase-2 Degrades and Inactivates a Neurite-Inhibiting Chondroitin Sulfate Proteoglycan" <i>The Journal of Neuroscience</i> , July 15, 1998, 18(4):5203-5211.		
VA	R55	ZUO, J. <i>et al.</i> "Regeneration of Axons after Nerve Transection Repair is Enhanced by Degradation of Chondroitin Sulfate Proteoglycan" <i>Exp. Neurology</i> , 2002, 176:221-228.		
VA	R56	New Zealand Examination Report dated May 20, 2004: cited in counterpart New Zealand application no. 531129.		
	R57			
	R58			
	R59			
	R60			
	R61			
	R62			
	R63			
	R64			
	R65			

Examiner Signature	V. Afremov	Date Considered	1-27-2006
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SHEET 1 OF 1

FORM PTO - 1449				ATTORNEY DOCKET NO.: AXO-003C1					
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT: Muir					
				SERIAL NO.: 10/812,776					
				FILING DATE: March 29, 2004					
				GROUP ART UNIT: 3731					
				CONFIRMATION NO.: 4996					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
VA	A1	2003/0040112	02/27/03	Muir			8/13/02		
VA	A2	2003/0072749	04/17/03	Muir			8/13/02		
VA	A3	2003/0077258	04/24/03	Muir			8/13/02		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
VA	B1	WO2003/015612 A3	02/27/03	PCT			08/13/02	N	Y
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
VA	C1	Schmalfeldt et al., "Brain Derived Versican V2 is a Potent Inhibitor of Axonal Growth," <i>Journal of Cell Science</i> 113: 807-816 (2000).							
VA	C2	International Search Report for Patent Application Serial No. PCT/US02/25922, mailed on June 17, 2003.							
EXAMINER	V. Afrosman				DATE CONSIDERED 1-27-2006				

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SHEET 1 OF 1

FORM PTO - 1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: AXO-003C1 APPLICANT(S): Muir SERIAL NO.: 10/812,776 FILING DATE: March 29, 2004 GROUP: 1651					
U.S. PATENT DOCUMENTS									
EXAM INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
VA	A4	6,448,076	9/10/2002	Dennis <i>et al.</i>			6/29/2001		
VA	A5	6,033,660	3/07/2000	Mather <i>et al.</i>			5/10/1995		
FOREIGN PATENT DOCUMENTS									
EXAM INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
EXAMINER	V. Gromer				DATE CONSIDERED 1-27-2007				